



Material Content Data Sheet



Sales Product Name		SAK-XE162FN-40F80L AA		Issued		25. September 2017		
MA#		MA001026366						
Package		PG-LQFP-64-6		Weight*		372.45 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	28.688	7.70	7.70	77025	77025
leadframe	inorganic material	phosphorus	7723-14-0	0.032	0.01		87	
	non noble metal	zinc	7440-66-6	0.130	0.03		349	
	non noble metal	iron	7439-89-6	2.600	0.70		6980	
wire	non noble metal	copper	7440-50-8	105.558	28.34	29.08	283417	290833
	noble metal	gold	7440-57-5	1.862	0.50	0.50	4999	4999
	encapsulation	organic material	carbon black	1333-86-4	1.096	0.29		2943
encapsulation	plastics	epoxy resin	-	29.600	7.95		79474	
	inorganic material	silicondioxide	60676-86-0	188.562	50.64	58.88	506278	588695
leadfinish	non noble metal	tin	7440-31-5	4.066	1.09	1.09	10916	10916
plating	noble metal	silver	7440-22-4	1.611	0.43	0.43	4325	4325
glue	plastics	epoxy resin	-	2.161	0.58		5802	
	noble metal	silver	7440-22-4	6.482	1.74	2.32	17405	23207
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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